

**Climatic change**

†1852. **SHRI RAJ MOHINDER SINGH MAJITHA:**  
**DR. MURLI MANOHAR JOSHI:**

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that major climatic changes are taking place in whole of the world including India;

(b) if so, the facts in this regard;

(c) whether it is also a fact that Green House gases responsible for climatic pollution is produced more in developed countries; and

(d) if so, the quantity of carbon dioxide being produced by countries such as U.S.A., England, France, China and Japan etc.?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) and (b) Intergovernmental Panel on Climate Change (IPCC) in its Third Assessment Report has projected that the global mean sea level may rise by 0.09 to 0.88 metres (m) during 1990-2100 in the most tropical and sub-tropical regions. However, lots of uncertainties are associated with these projections due to lack of knowledge of the impacts in various sectors at regional/sub-regional level. Although, some extreme climate events have been noted recently in many parts of the world, including India, we cannot conclude that they are due to natural climate variability or due to climate change.

(c) Yes, Sir.

(d) According to information available from United Nations Framework Convention on Climate Change (UNFCCC), the quantities of Carbon dioxide (CO<sub>2</sub>) produced by United States of America (USA), United Kingdom (UK), France and Japan during the year 2004 were 5987, 562,417 and 1285 million tonnes respectively. According to the first National Communication of China, the CO<sub>2</sub> emission for China for year 1994 was 2,666 million tonnes.

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†Original notice of the question was received in Hindi.